



CERTIFICATE OF ANALYSIS

20 Martin Ross Avenue, North York, ON, M3J 2K8, CANADA
Tel: (416) 665-9696, Fax: (416) 665-4439
Email: orders.trc@lgcgroup.com Website: www.trc-canada.com

1. Identification

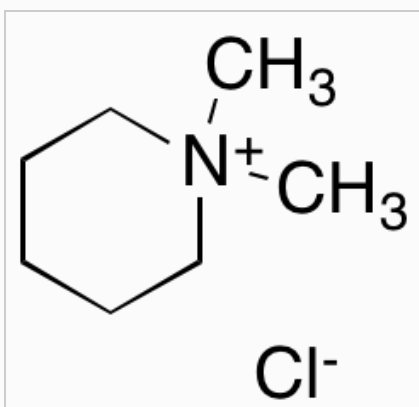
Catalogue Number: M225090

CAS Number: 24307-26-4

Product: Mepiquat Chloride

Synonym: 1,1-Dimethylpiperidinium Chloride; Dimethylpiperidinium Chloride; Megahix; Mepex; Mepichlor; N,N-Dimethylpiperidinium Chloride; BAS 083; BAS 08301W; BAS 85559X; CDP; Dimethylpiperidinium Chloride; Megahix; Mepex; Mepichlor; Mepiquat Chloride; N,N-Dimethylpiperidinium Chloride; Pix; Pix Ultra

Structure:



Molecular Formula:

C₇H₁₆ClN

Molecular weight:

149.66

Source of Product:

N/A

Solubility:

Methanol (Slightly), Water (Sparingly)

Lot Number: 1-DRJ-52-1

Purity: 97%

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: -20°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
NMR	Conforms to Structure	Conforms
Appearance	Pale Beige to Light Brown Solid	Pale Beige to Pale Brown Solid
Elemental Analysis	Conforms	%C: 54.87, %H: 10.60, %N: 9.24
MS	Conforms to Structure	Conforms
HPLC Purity	Report Result	100.00% (ELSD)
C NMR	Conforms to Structure	Conforms

Additional Information: N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of $\pm 2\%$. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

Reviewed By	Reviewed By	C of A Approved By	Test Date	Retest Date
Evan Burns	Toni Rantanen	Chanell Chu	2/2/2022	1/31/2026
				